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*Observational Study*

**Assessment of fetus during second trimester ultrasonography using HDlive software: What is its real application in the obstetrics clinical practice?**

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**Abstract**

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The incorporation of medical **ultrasound obstetrics** education has proved to ... Despite of these improvements in the **fetal** cardiac screening, the **second trimester ultrasound** ... through the render mode **with assessment** of their morphology and function; ... The STIC-HDlive rendering is a new algorithm to **assess** the **fetal** heart ...

### [PDF] Determination of Gestational Age by Ultrasound - SOGC

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dating **ultrasound**; however, if the availability of **obstetrical ultrasound** is limited, it is reasonable to **use** a **second-trimester** scan to **assess** gestational age . (I). 4 .

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The role of **ultrasonography** in **obstetric practice** has continuously evolved since **its** ... Using this imaging technique, **clinicians** can detect **pregnancy** as early as 3 ... Late in the **third trimester**, the measured BPD may predict gestational age within only .... In **assessing fetal** biometry, the applicable standard **fetal** measurements ...

### [PDF] ISUOG Practice Guidelines: performance of firsttrimester ...

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encourages safe **clinical practice** and high-quality teach- ing and research ... form, routine or indicated first-trimester **fetal ultrasound** scans. ... Throughout these Guidelines we **use** the term 'embryo' ... Individuals who perform **obstetric** scans routinely should ... **Assessment** of viability/early **pregnancy** ..... screening **programs**.

### The value of 3D and 4D assessments of the fetal heart | IJWH

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Jan 12, 2016 - Keywords: First **trimester** of pregnancy, **fetal** malformations, .... **HDlive** rendering mode of **fetus** at 10 weeks 2 days of gestation (a). .... of gestation **with** unilateral absence of the **second** and **third** fingers of the left hand (a) (white arrow). .... of 3-D **ultrasound** in **clinical obstetric** practice: evolution over 20 years.

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Donald School Journal of **Ultrasound** in **Obstetrics** and Gynecology, January-March 2013 ... Time **Ultrasound** (HDLive) of Embryonic and **Fetal** Malformations.

### Ultrasound for Pregnancy - Aetna

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Aetna considers a **fetal ultrasound** **with** detailed anatomic examination medically necessary for ... There is inadequate evidence of the **clinical** utility of detailed **ultrasound fetal** anatomic ... Indications for a **2nd** and **3rd trimester ultrasound** include the following: .... They noted that 3D/4D US **applications** are many and varied.

### Diagnostic Obstetric Ultrasound | GLOWM

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Using a vaginal probe, the gestational sac and **fetal** pole can be found earlier than ... Late in the **third**



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作者: EA Júnior - 2015 - 被引用次数: 4 - 相关文章

**Assessment of embryo/fetus during pregnancy** by threedimensional **ultrasonography** using the **HD live software**: iconographic essay ... The utilization of three-dimensional **ultrasonography** (3DUS) has gained exponential importance in the **practice** ... At the **third trimester**, the **software** allowed for higher definition of the ears ...

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作者: EA Júnior - 2014 - 被引用次数: 8 - 相关文章

2014年5月15日 - The evolution of 3D/4D **ultrasonography** has created the opportunity ... Lower angles are reserved for early gestational ages, whereas in the second and **third trimesters**, ... subsequent **real-time** analysis on **fetal** heart movement **using** the .... **STIC-HDlive** rendering is a new algorithm for **assessing fetal** heart ...

### **Three-dimensional ultrasonography by means of HDlive rendering in ...**

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2016年1月12日 - Hence, the **application** of 3D/4D **ultrasound** has been proven to have ... **HDlive** rendering can be applied **during** the entire **pregnancy** duration ... routine **first trimester** scan **using** 3D/4D